C Number:	I11054
Study Gender:	Female
PWG Approval Date	See web page for date of PWG Approval

Study Number: I11054
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

M09M: Serum Antibody Concentrations for the T-Dependent Antigen Keyhole Limpet Hemocyanin (KLH)
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 09/12/2018
Time Report Requested: 10:05:01
Lab: Burleson Research Technologies

	Females						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	50 mg/kg CPS
anti-KLH IgM (g/mL)	8925.3 ± 1387.5 (8)	6244.1 ± 930.5 (8)	9378.4 ± 2315.9 (8)	12363.1 ± 4087.5 (8)	7446.8 ± 1307.9 (8)	9937.9 ± 1794.0 (8)	1563.0 ± 0.0 (7) **
anti-KLH IgG (g/mL)	76735.9 ± 18412.0 (8)	59519.8 ± 9369.0 (8)	107512.0 ± 40864.8 (8)	108537.1 ± 24819.6 (8)	73063.4 ± 4822.1 (8)	84134.3 ± 20177.6 (8)	313.0 ± 0.0 (8) **

LEGEND

Data are displayed as mean ± SEM (N) unless otherwise noted.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests (unless otherwise noted).

Statistical analysis for the positive control group compared to the vehicle control group was performed using the Kruskal-Wallis test.

* Statistically significant at P <= 0.05

** Statistically significant at P <= 0.01

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

KLH - Keyhole Limpet Hemocyanin; IgM - Immunoglobulin M; IgG - Immunoglobulin G

Decrease in N for anti-KLH IgM in the 50 mg/kg CPS dose group is due to one animal's value being excluded because it was an outlier.

CPS = Cyclophosphamide

** END OF REPORT **